

**IT IS THE VENDOR'S RESPONSIBILITY TO CHECK
FOR ADDENDUMS PRIOR TO SUBMITTING PROPOSALS**

NOTICE TO BIDDERS SPECIFICATION NO. 06-170

The City of Lincoln, Nebraska intends to purchase and invites you to submit a sealed bid
for:

Three (3) Electromagnetic Flow Meters

Sealed bids will be received by the City of Lincoln, Nebraska on or before **12:00 noon Wednesday, May 24, 2006** in the office of the Purchasing Agent, Suite 200, K Street Complex, Southwest Wing, 440 South 8th Street, Lincoln, Nebraska 68508. Bids will be publicly opened and read aloud at the K Street Complex.

Bidders should take caution if U.S. mail or mail delivery services are used for the submission of bids. Mailing should be made in sufficient time for bids to arrive in the Purchasing Division, prior to the time and date specified above. Bids may be downloaded from the City's website at www.lincoln.ne.gov Keyword: Bid. Prospective bidders must monitor the bid listing for any addendums.

PROPOSAL
SPECIFICATION NO. 06-170
BID OPENING TIME: 12:00 NOON
DATE: Wednesday, May 24, 2006

The undersigned, having full knowledge of the requirements of the City of Lincoln for the below listed phases and the contract documents (which include Notice, Instructions, this Proposal, Specifications, Contract, and any and all addenda) and all other conditions of the Proposal, agrees to enter into a contract with the City the below listed fees for the performance of this Specification, complete in every respect, in strict accordance with the contract documents at and for fees listed below.

ADDENDA RECEIPT: The receipt of addenda to the specification numbers ____ through ____ are hereby acknowledged. Failure of any submitter to receive any addendum or interpretation of the specifications shall not relieve the submitter from any obligations specified in the request. All addenda shall become part of the final contract document.

| <u>Item</u> | <u>Description</u> | <u>Quantity</u> | <u>Unit</u> | <u>Unit Price</u> | <u>Total</u> |
|-------------|--|-----------------|-------------|-------------------|--------------|
| 1. | Electromagnetic Flow Meters as per specifications | 3 | Each | \$ _____ | \$ _____ |
| | Mfg. _____ No. _____ | | | | |

NO BID SECURITY REQUIRED

The undersigned signatory for the bidder represents and warrants that he has full and complete authority to submit this proposal to the City, and to enter into a contract if this proposal is accepted.

RETURN 2 COMPLETE COPIES OF PROPOSAL AND SUPPORTING MATERIAL.
MARK OUTSIDE OF BID ENVELOPE: SEALED BID FOR SPEC. 06-170

COMPANY NAME

BY (Signature)

STREET ADDRESS or P.O. BOX

(Print Name)

CITY, STATE ZIP CODE

(Title)

TELEPHONE No. FAX No.

(Date)

E-MAIL ADDRESS

ESTIMATED DELIVERY DAYS

TERMS OF PAYMENT

Bids may be inspected in the Purchasing Division during normal business hours **after** tabulation and review by a Purchasing Agent. Bid tabulations can be viewed on our website at: lincoln.ne.gov Keyword: **Bid**

The Intent to Award will be listed on the website when a recommendation is received from the Department.

Specifications For Electromagnetic Flow Meters

1. GENERAL

- 1.1 Supplier shall furnish three (3) Electromagnetic Flow Meters in accordance with the following requirements and specifications.
- 1.2 Flow meter shall maintain a minimum accuracy of 0.5 percent of flow when the meter is mounted less than one upstream pipe diameter from bends in piping, valves or other obstacles that cause flow errors.
- 1.3 Flow meter shall be flow profile immune.

2. ACCEPTABLE MANUFACTURER

- 2.1 Toshiba, Endress+Hauser, or approved equal.
 - 2.1.1 See section seven (7) of the Instructions For Bidders in regards to brand names.

3.0 PROCESS CONDITIONS AND OPERATING REQUIREMENTS

- 3.1 Meter Tag Number FIT-B401
 - 3.1.1 Line Size and Flange Type: Size 6 inch Flange Type 150# ANSI
 - 3.1.2 Type and Composition of Process Piping: Ductile Iron
 - 3.1.3 Horizontal Application/Configuration
 - 3.1.4 Fluid to be Metered is Municipal Primary Sludge
 - 3.1.5 Sludge Concentration: 1 to 7 % TS (Total Solids)
 - 3.1.6 Flow Rate of Process: (GPM) 0 - 150
 - 3.1.7 Process Temperature: (°F) 45 - 90
 - 3.1.8 Power Supply: 120 VAC 60Hz
- 3.2 Meter Tag Number FIT-B601
 - 3.2.1 Line Size and Flange Type: Size 6 inch Flange Type 150# ANSI
 - 3.2.2 Type and Composition of Process Piping: Ductile Iron
 - 3.2.3 Horizontal Application/Configuration
 - 3.2.4 Fluid to be Metered is Municipal Waste Activated Sludge.
 - 3.2.5 Sludge Concentration: .05 to 1.5 % TS (Total Solids)
 - 3.2.6 Flow Rate of Process: (GPM) 0 - 500
 - 3.2.7 Process Temperature: (F) 45 - 90
 - 3.2.8 Power Supply: 120 VAC 60Hz
- 3.3 Meter Tag Number FIT-C901
 - 3.3.1 Line Size and Flange Type: Size 12 inch Flange Type 150# ANSI
 - 3.3.2 Type and Composition of Process Piping: Ductile Iron
 - 3.3.3 Horizontal Application/Configuration
 - 3.3.4 Fluid to be Metered is Municipal Raw Wastewater
 - 3.3.5 Flow Rate of Process: (GPM) 0 - 2500
 - 3.3.6 Process Temperature: (F) 45 - 90
 - 3.3.7 Power Supply: 120 VAC 60Hz

4. EQUIPMENT AND PERFORMANCE SPECIFICATIONS

- 4.1 Utilize characterized field principal of electromagnetic induction to produce signal directly proportional to flow rate.
- 4.2 Provide 304 stainless steel 150#, ANSI rated flanged connections.
- 4.3 Provide 316L stainless steel grounding rings.
- 4.4 Provide teflon flow liner.
- 4.5 Electrode shall be bullet nose type hastelloy C material.
 - 4.5.1 Provide electrode cleaning circuit and software.
- 4.6 Transmitter shall be remote, NEMA 4 rated, field mounted type.
 - 4.6.1 Indication of flow rate and totalized flow at transmitter.
- 4.7 Provide required cable between flow meter and transmitter / converter.
 - 4.7.1 Cable length for FIT-B401 shall be 25 feet.
 - 4.7.2 Cable length for FIT-B601 shall be 25 feet.
 - 4.7.3 Cable length for FIT-C901 shall be 50 feet.
- 4.8 Transmitter electronics shall be microprocessor based architecture and be configured using parameters.
- 4.9 Meter and transmitter shall have automatic zero, adjustable low flow cutoff, and minimal signal lock (empty tube zero) to prevent false measurement when tube is empty.
- 4.10 Transmitter shall have 4-20 mA DC isolated output.
- 4.11 Supplier is required to note any exceptions to the specifications.

5.0 MISCELLANEOUS

- 5.1 Warranty
 - 5.1.1 Supplier shall warrant the specified equipment from defects in materials a workmanship for a period of (1) one year from date of installation or 18 months from date of purchase.
- 5.2 Operation and Maintenance Information
 - 5.2.1 Three (3) sets of O&M manuals specific to the model supplied shall accompany delivery of the equipment.
 - 5.2.2 O&M manual information shall consist of general operating instruction, recommended spare parts, recommended maintenance, trouble shooting guides, and exploded part assemblies.
- 5.3 Start -up, Testing and Training
 - 5.3.1 The supplier of the density meters shall provide a qualified, experienced factory trained technician to verify that the meters and associated components have been installed properly and to provide operation and maintenance training relating to the equipment.

6. Delivery Information and Contact

- 6.1 Contact Mr. Tom Kopplin, Assistant Purchasing Agent, via E-Mail, tkopplin@lincoln.ne.gov with any questions with any questions regarding this request.
 - 6.1.1 All questions will be answered by addendum.
- 6.2 Shipping address shall be Lincoln Wastewater System, Northeast Wastewater Treatment Facility, 7000 North 70th Street, Lincoln, NE. 68507.

INSTRUCTIONS TO BIDDERS

CITY OF LINCOLN, NEBRASKA PURCHASING DIVISION

1. BIDDING PROCEDURE

- 1.1 Bidder shall submit one (1) complete set of the bid documents and all supporting material, unless otherwise stipulated. All appropriate blanks shall be completed. Any interlineation, alteration or erasure on the specification document shall be initialed by the signer of the bid. Bidder shall not change the proposal form nor make additional stipulations on the specification document. Any amplified or qualifying information shall be on the bidder's letterhead and firmly attached to the specification document.
- 1.2 Bid prices shall be submitted on the Proposal Form included in the bid document.
- 1.3 Bidders may submit a bid on an "all or none" or "lump sum" basis, but should also submit a quotation on an item-by-item basis. Bidding documents shall be clearly marked indicating the kind of proposal being submitted.
- 1.4 Any person signing a bid for a firm, corporation, or other organization must show evidence of his authority so to bind such firm, corporation, or organization.
- 1.5 Bids received after the time and date established for receiving bids will be rejected.
- 1.6 If bidding on a Construction Contract, the City of Lincoln's Standard Specifications for Municipal Construction 2006 shall apply.
 - 1.6.1 Bidders may obtain this document from the City's Design Engineering Division of Public Works & Utilities for a small fee.
 - 1.6.2 Said document can be reviewed at Design Engineering or the Purchasing Division.

2. BIDDER'S SECURITY

- 2.1 Bid security, as a guarantee of good faith, in the form of a certified check, cashier's check, or bidder's bond, may be required to be submitted with this bid document, as indicated on the Proposal Form.
- 2.2 If alternates are requested, only one bid security will be required, provided the bid security is based on the amount of the highest gross bid.
- 2.3 Such bid security will be returned to the unsuccessful bidders when the award of bid is made.
- 2.4 Bid security will be returned to the successful bidder(s) as follows:
 - 2.4.1 For single order bids with specified quantities: upon the delivery of all equipment or merchandise, and upon final acceptance by the City.
 - 2.4.2 For all other contracts: upon approval by the City of the executed contract and bonds.
- 2.5 City shall have the right to retain the bid security of bidders to whom an award is being considered until either:
 - 2.5.1 A contract has been executed and bonds have been furnished.
 - 2.5.2 The specified time has elapsed so that the bids may be withdrawn.
 - 2.5.3 All bids have been rejected.
- 2.6 Bid security will be forfeited to the City as full liquidated damages, but not as a penalty, for any of the following reasons, as pertains to this specification document:
 - 2.6.1 If the bidder fails to deliver the equipment or merchandise in full compliance with the accepted proposal and specifications.
 - 2.6.2 If the bidder fails or refuses to enter into a contract on forms provided by the City, and/or if the bidder fails to provide sufficient bonds or insurance within the time period as established in this specification document.

3. BIDDER'S REPRESENTATION

- 3.1 Each bidder by signing and submitting a bid, represents that the bidder has read and understands the specification documents, and the bid has been made in accordance therewith.
- 3.2 Each bidder for services further represents that the bidder has examined and is familiar with the local conditions under which the work is to be done and has correlated the observations with the requirements of the bid documents.

4. CLARIFICATION OF SPECIFICATION DOCUMENTS

- 4.1 Bidders shall promptly notify the Purchasing Agent of any ambiguity, inconsistency or error which they may discover upon examination of the specification documents.

- 4.2 Bidders desiring clarification or interpretation of the specification documents shall make a written request which must reach the Purchasing Agent at least five (5) calendar days prior to the date and time for receipt of bids.
- 4.3 Changes made to the specification documents will be made by written addenda to all known prospective bidders.
- 4.4 Oral interpretations or changes to the Specification Documents made in any other manner, will not be binding on the City; and bidders shall not rely upon such interpretations or changes.

5. ADDENDA

- 5.1 Addenda are additional documents issued by the City to prospective Bidders prior to the closing date for receipt of bids, which are intended to change or clarify the original plans and/or specifications., i.e. additions, deletions, modifications, or explanations.
- 5.2 Addenda will be mailed or delivered to all who are known by the City to have received a complete set of specification documents.
- 5.3 Copies of addenda will be made available for inspection at the office of the Purchasing Agent.
- 5.4 No addendum will be issued later than forty-eight (48) hours prior to the date and time for receipt of bids, except an addendum withdrawing the invitation to bid, or an addendum which includes postponement of the bid.
- 5.5 Bidders shall ascertain prior to submitting their bid that they have received all addenda issued, and they shall acknowledge receipt of addenda on the proposal form.

6. ANTI-LOBBYING PROVISION

- 6.1 During the period between the bid advertisement date and the contract award, bidders, including their agents and representatives, shall not lobby or promote their bid with any member of the City Council or City Staff.

7. BRAND NAMES

- 7.1 Wherever in the specifications or proposal form brand names, manufacturer, trade name, or catalog numbers are specified, it is for the purpose of establishing a grade or quality of material only; and the term "or equal" is deemed to follow.
- 7.2 It is the bidder's responsibility to identify any alternate items offered in the bid, and prove to the satisfaction of the City that said item is equal to, or better than, the product specified.
- 7.3 Bids for alternate items shall be stated in the appropriate brand on the proposal form, or if the proposal form does not contain blanks for alternates, bidder MUST attach to the specification documents on Company letterhead a statement identifying the manufacturer and brand name of each proposed alternate, plus a complete description of the alternate items including illustrations, performance test data and any other information necessary for an evaluation. The bidder must indicate any variances by item number from the specification document no matter how slight. Bidder must fully explain the variances from the specification document, since brochure information may not be sufficient.
- 7.4 If variations are not stated in the proposal, it will be assumed that the item being bid fully complies with the City's specifications.

8. DEMONSTRATIONS/SAMPLES

- 8.1 Bidders shall demonstrate the exact item(s) proposed within seven (7) calendar days from receipt of such request from the City.
- 8.2 Such demonstration can be at the City delivery location or a surrounding community.
- 8.3 If the bidder is proposing an alternate product, the City may request a sample of the exact item. Samples will be returned at bidder's expense after receipt by the City of acceptable goods. Bidders must indicate how samples are to be returned.

9. DELIVERY (Non-Construction)

- 9.1 Each bidder shall state on his proposal form the date upon which he can make delivery of all equipment or merchandise. Time required for delivery is hereby made an essential element of the bid.
- 9.2 The City reserves the right to cancel orders, or any part thereof, without obligation, if delivery is not made within the time(s) specified on the proposal form.
- 9.3 All bids shall be based upon **inside** delivery of the equipment/ merchandise F.O.B. the City at the location specified by the City, with all transportation charges paid.

10. WARRANTIES, GUARANTEES AND MAINTENANCE

- 10.1 Copies of the following documents must accompany the bid proposal for all items being bid:
 - 10.1.1 Manufacturer's warranties and/or guarantees.
 - 10.1.2 Bidder's maintenance policies and associated costs.
- 10.2 As a minimum requirement of the City, the bidder will guarantee in writing that any defective components discovered within a one (1) year period after the date of acceptance shall be replaced at no expense to the City. Replacement parts of defective components shall be shipped at no cost to the City. Shipping costs for defective parts required to be returned to the bidder shall be paid by the bidder.

11. ACCEPTANCE OF MATERIAL

- 11.1 All components used in the manufacture or construction of materials, supplies and equipment, and all finished materials, shall be new, the latest make/model, of the best quality, and the highest grade workmanship.
- 11.2 Material delivered under this proposal shall remain the property of the bidder until:
 - 11.2.1 A physical inspection and actual usage of this material is made and found to be acceptable to the City; and
 - 11.2.2 Material is determined to be in full compliance with the specifications and accepted proposal.
- 11.3 In the event the delivered material is found to be defective or does not conform to the specification documents and accepted proposal, then the City reserves the right to cancel the order upon written notice to the bidder and return materials to the bidder at bidder's expense.
- 11.4 Successful bidder shall be required to furnish title to the material, free and clear of all liens and encumbrances, issued in the name of the City of Lincoln, Nebraska, as required by the specification documents or purchase orders.
- 11.5 Selling dealer's advertising decals, stickers or other signs shall not be affixed to equipment. Vehicle mud flaps shall be installed blank side out with no advertisements. Manufacturer's standard production forgings, stampings, nameplates and logos are acceptable.

12. BID EVALUATION AND AWARD

- 12.1 The signed bid proposal shall be considered an offer on the part of the bidder. Such offer shall be deemed accepted upon issuance by the City of purchase orders, contract award notifications, or other contract documents appropriate to the work.
- 12.2 No bid shall be modified or withdrawn for a period of ninety (90) calendar days after the time and date established for receiving bids, and each bidder so agrees in submitting the bid.
- 12.3 In case of a discrepancy between the unit prices and their extensions, the unit prices shall govern.
- 12.4 The bid will be awarded to the lowest responsible, responsive bidder whose proposal will be most advantageous to the City, and as the City deems will best serve its requirements.
- 12.5 The City reserves the right to accept or reject any or all bids; to request rebids; to award bids item-by-item, with or without alternates, by groups, or "lump sum"; to waive minor irregularities in bids; such as shall best serve the requirements and interests of the City.
- 12.6 In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit additional information as deemed necessary by the City. Failure to provide the information requested to make this determination may be grounds for a declaration of non-responsive with respect to the Bidder.
- 12.7 The City reserves the right to reject irregular bids that contain unauthorized additions, conditions, alternate bids, or irregularities that make the Bid Proposal incomplete, indefinite or ambiguous.

13. INDEMNIFICATION

- 13.1 The bidder shall indemnify and save harmless the City of Lincoln, Nebraska from and against all losses, claims, damages, and expenses, including, attorney's fees arising out of or resulting from the performance of the contract that results in bodily injury, sickness, disease, death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom and is caused in whole or in part by the Bidder, any subcontractor, any directly

or indirectly employed by any of them or anyone for whose acts any of them may be liable. This section will not require the Bidder to indemnify or hold harmless the City of Lincoln for any losses, claims damages, and expenses arising out of or resulting from the sole negligence of the City of Lincoln, Nebraska.

- 13.2 In any and all claims against the City or any of its members, officers or employees by an employee of the bidder, any subcontractor, anyone directly or indirectly employed by any of them or by anyone for whose acts made by any of them may be liable, the indemnification obligation under paragraph 13.1 shall not be limited in any way by any limitation of the amount or type of damages, compensation or benefits payable by or for the bidder or any subcontractor under worker's or workmen's compensation acts, disability benefit acts or other employee benefit acts.

14. TERMS OF PAYMENT

- 14.1 Unless stated otherwise, the City will begin processing payment within thirty (30) calendar days after all labor has been performed and all equipment or other merchandise has been delivered, and all such labor and equipment and other materials have met all contract specifications.

15. LAWS

- 15.1 The Laws of the State of Nebraska shall govern the rights, obligations, and remedies of the Parties under this proposal and any agreement reached as a result of this process.
- 15.2 Bidder agrees to abide by all applicable State and Federal laws and regulations concerning the handling and disclosure of private and confidential information concerning individuals and corporations as to inventions, copyrights, patents and patent rights.

16. AFFIRMATIVE ACTION

- 16.1 The City of Lincoln-Lancaster County Purchasing Division provides equal opportunity for all bidders and encourages minority businesses and women's business enterprises to participate in our bidding process.

17. LIVING WAGE

- 17.1 The bidders agree to pay all employees employed in the performance of this contract, a base wage of not less than the City Living Wage per section 2.81.010 of the Lincoln Municipal Code. This wage is subject to change every July.

18. EXECUTION OF AGREEMENT

- 18.1 Depending on the type of service provided, one of the following three (3) methods will be employed. The method applicable to this contract will be checked below:
 - ☒ a. This Contract shall consist of a **PURCHASE ORDER** and a copy of the suppliers signed bid (or referenced bid number) attached and that the same, in all particulars, becomes the agreement and contract between the parties hereto: that both parties thereby accept and agree to the terms and conditions of said bid documents, and that the parties are bound thereby and the compensation to be paid the Supplier is as set forth in the Supplier's Bid. Items not awarded, if any, have been deleted.
 - ☐ b. The contract shall consist of a **YEARLY AGREEMENT** and a copy of the suppliers signed bid attached and that the same, in all particulars, becomes the agreement and contract between the parties hereto. That both parties thereby accept and agree to the terms and conditions of said bid documents, and that the parties are bound thereby and the compensation to be paid the Supplier is as set forth in the Suppliers' Bid. Items not awarded, if any, have been deleted.
 - ☐ c. Three (3) copies of the **CONTRACT**, unless otherwise noted.
 - 1. City will furnish three (3) copies of the Contract to the successful Bidder who shall prepare attachments as required. Insurance as evidenced by a Certificate of Insurance, surety bonds properly executed, and Agreement signed with the date of signature shall be attached.
 - 2. The prepared documents shall be delivered to the City within 10days (unless otherwise noted).
 - 3. The City will sign the Contract Agreement, insert the date of signature at the beginning of the Contract Agreement, prepare an Executive Order to go the Mayor for signature.
 - 4. Upon approval and signature from the Mayor, the City will return one copy to the Contractor.